

Date: Monday, 7/31/2006 12:52:48 PM
User: Kim Johnston

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services		Drawing Name	: BASKET BASE ASSEMBLY (350)	
Job Number	: 28038A		Part Number	: D2221	
Estimate Number	: 10189		Drawing Number	: D2221/D2235	
P.O. Number	: N/A		Project Number	: N/A	
This Issue	: 7/31/2006 S.O. No. : N/A		Drawing Revision	: F/B1	
Prsht Rev.	: NC		Material	: N/A	
First Issue	: N/A		Due Date	: 8/7/2006 Qty: 1 Um: Each	
Previous Run	: 28037A				
Written By	:				
Checked & Approved By	:				
Comment	: Est Rev:J 05.09.02 Added D3442-1KJ/JLM				

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :	
1.0	D31661	Basket Hoop	
		Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s) Pick: Qty Part Number Description Batch 4 D3166-1 RIB B27846	M 06/08/08 ①
2.0	D22323	Basket Hinge	
		Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s) Pick: Qty Part Number Description Batch 2 D2232-3 Hinge bracket B24527	M 06/08/08 ①
3.0	D2325	Support Gusset (350 Bask)	
		Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s) Pick: Qty Part Number Description Batch 4 D2325 Support Gusset B27582	M 06/08/08 ①
4.0	D23273	Spacer Bushing	
		Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s) Pick: Qty Part Number Description Batch 2 D2327-3 Bushing B27051	M 06/08/08 ①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

NOTE: Date & initial all entries QA: N/C Closed: _____ Date: _____

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Seq. #:

Machine Or Operation:

Description :

5.0 D2581

Mounting Bracket



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
2	D2581	Mounting Bracket	B27524

11/06/08 ①

6.0 D34421

Shim



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
2	D3442-1	Shim	B26739

11/06/08 ①

7.0 M304EX07516F

Expanded Metal Flat Stai



Comment: Qty.: 39.6900 sf(s)/Unit Total : 39.6900 sf(s)

Pick:

Qty	Part Number	Description	Batch
36 sf	M304EX0.75-16F	Expanded Metal	M101707

11/06/08 ①

8.0 M304TS0750W065

304 SQ Tube.75x.75x.065W



Comment: Qty.: 29.4000 f(s)/Unit Total : 29.4000 f(s)

Pick:

Qty	Part Number	Description	Batch
28'	3/4" x 3/4" x 0.063 wall	304/316 SStubing	M101561

11/06/08 ①

9.0 LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Cut D2235-1 Rib from D3166-1 Rib As Per Dwg D2235

2-Drill hole in D2221-3 as per Dwg D2221

3-Deburr

4-Remove all markings on material before welding

5-Weld as per Dwg D2221 using Welding Table and corner JigDeburr as required

11/06/08 ①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: _____

PAR #: _____

Fault Category: _____

NCR: Yes

No

DQA: Date: 06/08/28

NOTE: Date & initial all entries

QA: N/C Closed: _____

Date: _____

Date: Monday, 7/31/2006 12:52:48 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BASKET BASE ASSEMBLY (350)

Job Number: 28038A

Part Number: D2221

Job Number:



Seq. #:

Machine Or Operation:

Description :

10.0 QC9/6

DDIMENSIONAL & WELDING INSPECTION



Comment: DDIMENSIONAL & WELDING INSPECTION

P1 ab08-10 ①

11.0 POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

P1 ab08/14 ④

12.0 QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

MF. ab08/24

13.0 HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Seal support gusset seam with white sikaflex-291 Batch: M101855

Expiry date: 02/2007

14.0 DC

DOCUMENT CONTROL



①

Comment: DOCUMENT CONTROL

Inspection Level 21



ab08/28

Job Completion



W ab08/27

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

NOTE: Date & initial all entries QA: N/C Closed: _____ Date: _____



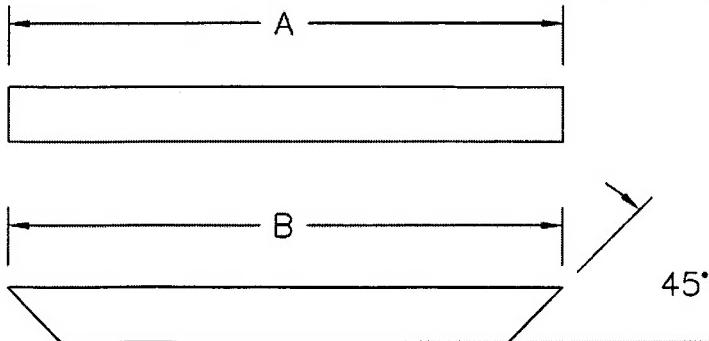
DESIGN BW	DRAWN BY PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>A</i>	APPROVED <i>H</i>	DRAWING NO. D2221	REV. F SHEET 1 OF 3
DATE 05.06.07	TITLE BASKET BASE ASSEMBLY (350)		SCALE NTS
C	95.11.21	SEPARATE BASKET AND LID	
D	96.06.21	CHANGE LATCH	
E	01.04.19	CHANGE HINGE	
F	05.06.07	ADD SHIM UNDER HINGES, ADD HOLES FOR SPLIT LID BASKETS	

RELEASED

05.08.19 *H*

PARTS LIST FOR D2221 BASKET BASE ASSEMBLY

PART NO	QUANTITY	LENGTH A	LENGTH B	DESCRIPTION
D2221-1	2	—	96.00	RIB
D2221-3	2	—	25.50	RIB
D2221-5	2	18.88	—	RIB
D2221-7	1	55.25	—	RIB
D2232-3	2	N/A	N/A	HINGE PLATE
D2235-1	4	N/A	N/A	RIB
D2325	4	N/A	N/A	SUPPORT GUSSET
D2327-3	2	N/A	N/A	BUSHING
D2581	2	N/A	N/A	MTG BRKT
D3442-1	2	N/A	N/A	SHIM



D2221-1/-3/-5/-7

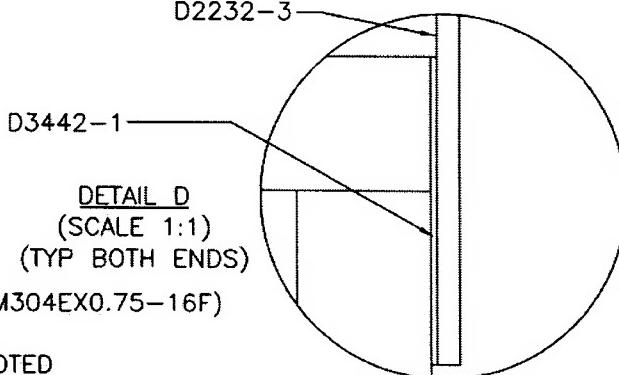
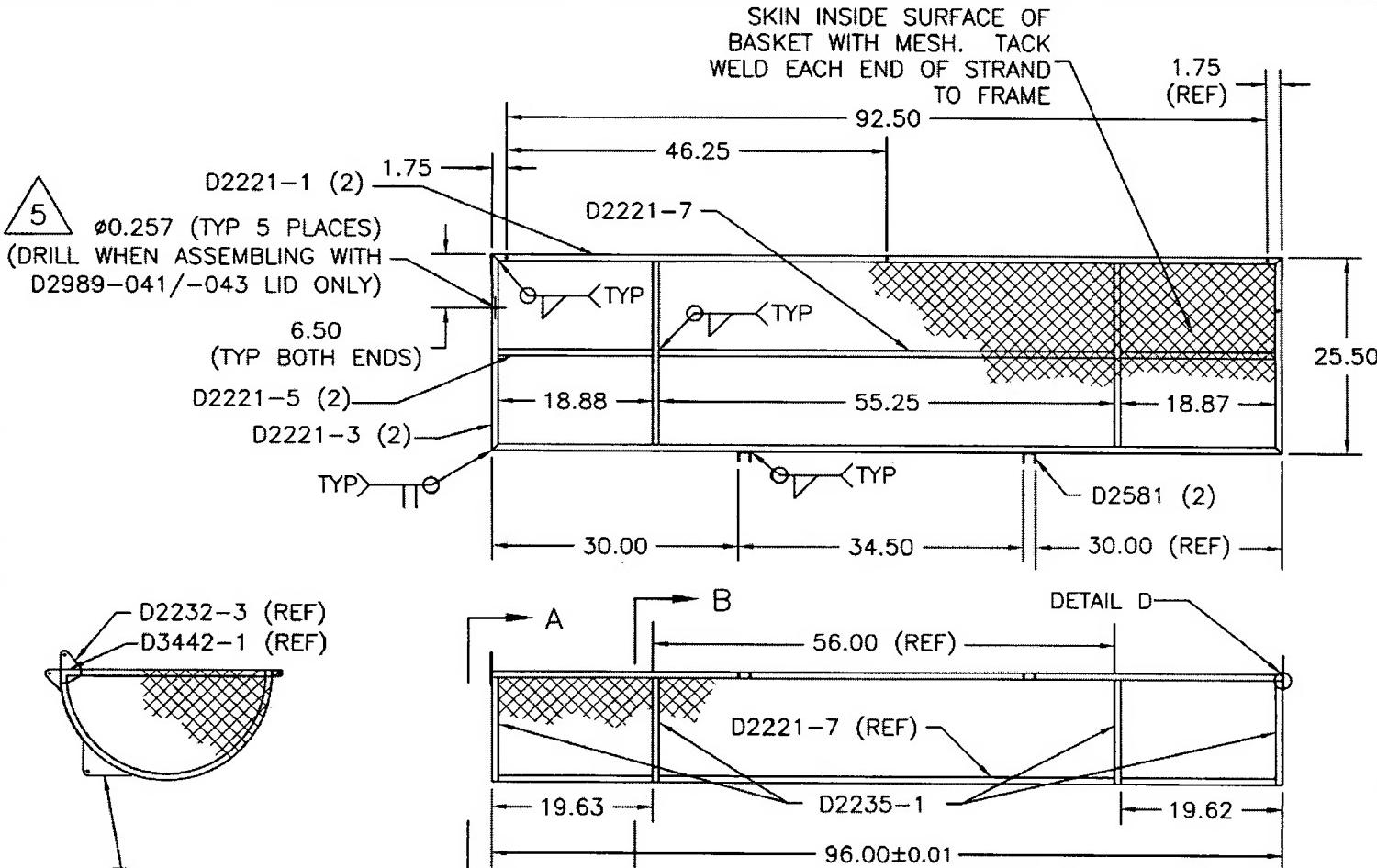
- 1) CUT LENGTH/SHAPE PER DIAGRAM AND PARTS LIST
 - 2) MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.060 WALL SQUARE TUBING
(REF. DART SPEC M304TS0.750W.060)
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) DRILL Ø0.257 HOLES ONLY WHEN ASSEMBLING D2221 BASE WITH WORK ORDER
D2989-041/-043 BASKET LID
- SHOP COPY
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
NO. *08038A*

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DART

DESIGN BW	DRAWN BY PH	DART AEROSPACE LTD	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D2221	DATE 05.06.07	TITLE BASKET BASE ASSEMBLY (350)	REV. F SHEET 2 OF 3 SCALE 1:20



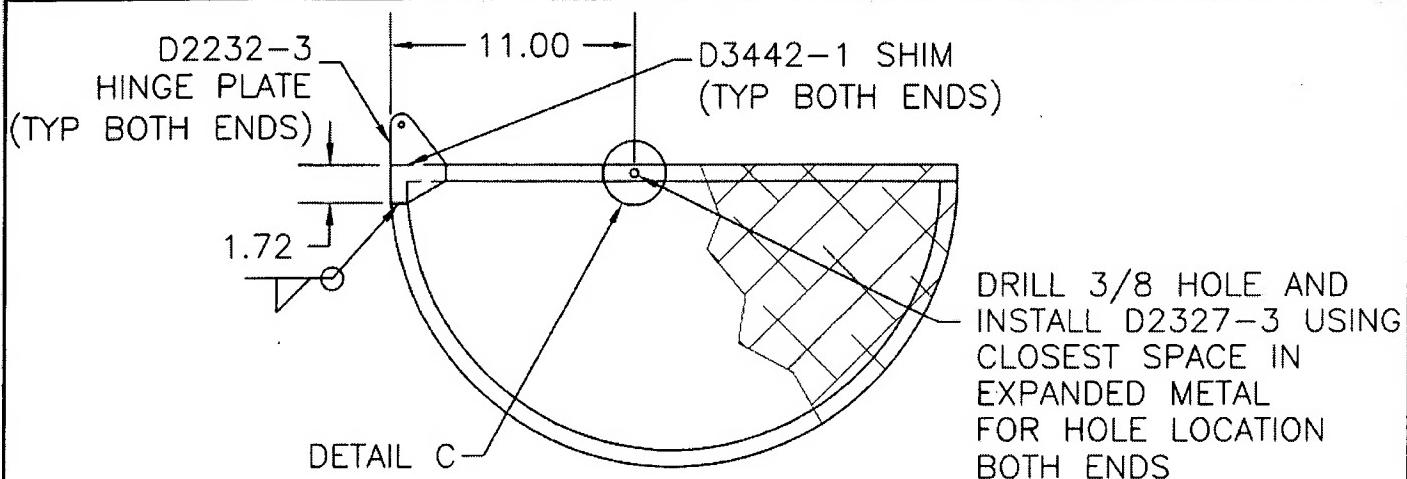
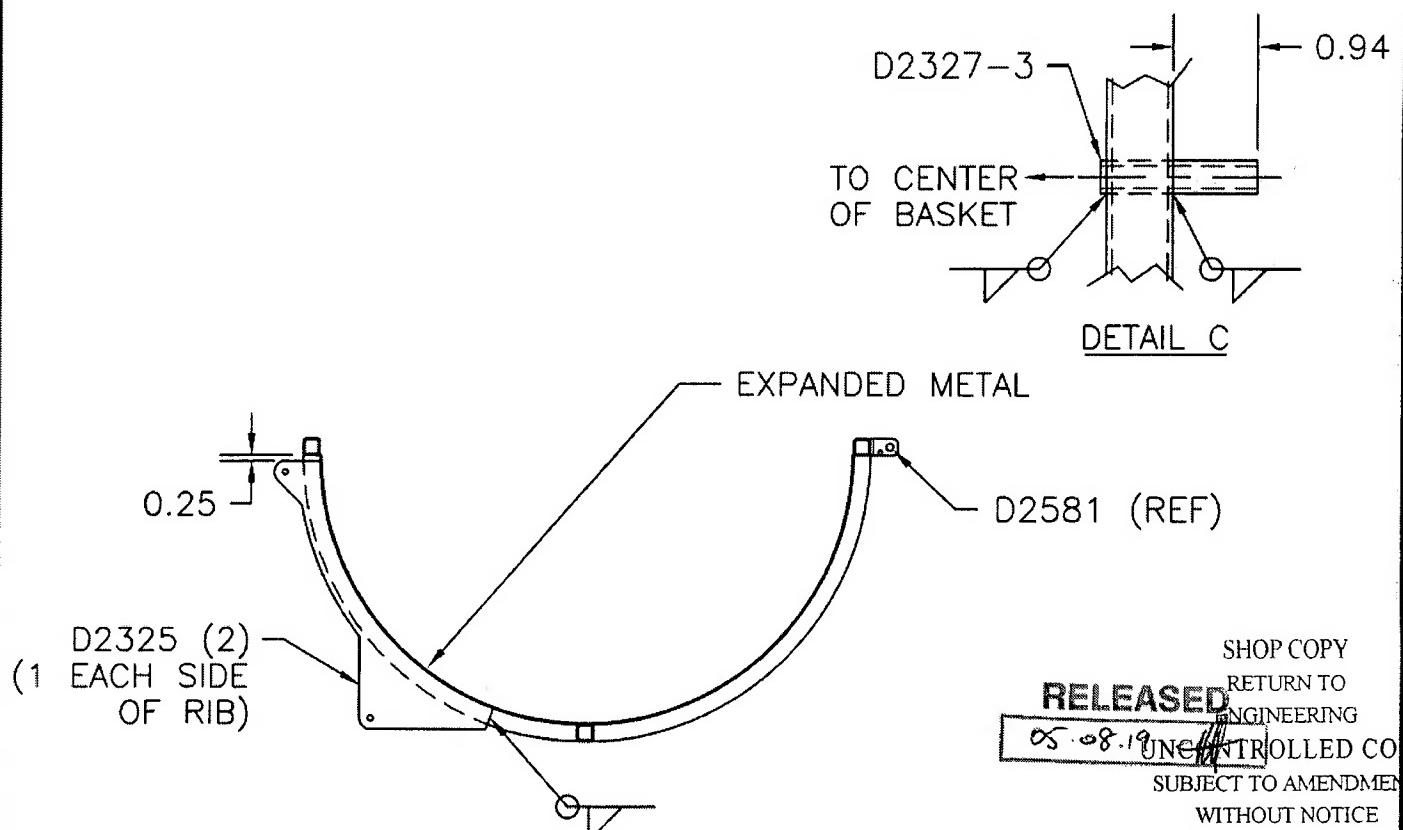
NO. 28038A
WORK ORDER
RELEASED
05.08.19
RETURN TO
ENGINEERING
CONTROLLED COPY
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WITHOUT NOTICE

D2221 BASKET BASE ASSEMBLY

- 1) MESH MATERIAL: 3/4-16F EXPANDED SS (REF DART SPEC M304EX0.75-16F)
- 2) WELD PER DART QSI 004
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) FINISH: POWDER COAT ENTIRE ASSEMBLY WHITE (4.3.5.2) PER DART QSI 005 4.3

DART

DESIGN BW	DRAWN BY PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[initials]</i>	APPROVED <i>[initials]</i>	DRAWING NO. D2221	REV. F SHEET 3 OF 3
DATE 05.06.07		TITLE BASKET BASE ASSEMBLY (350)	SCALE 1:8

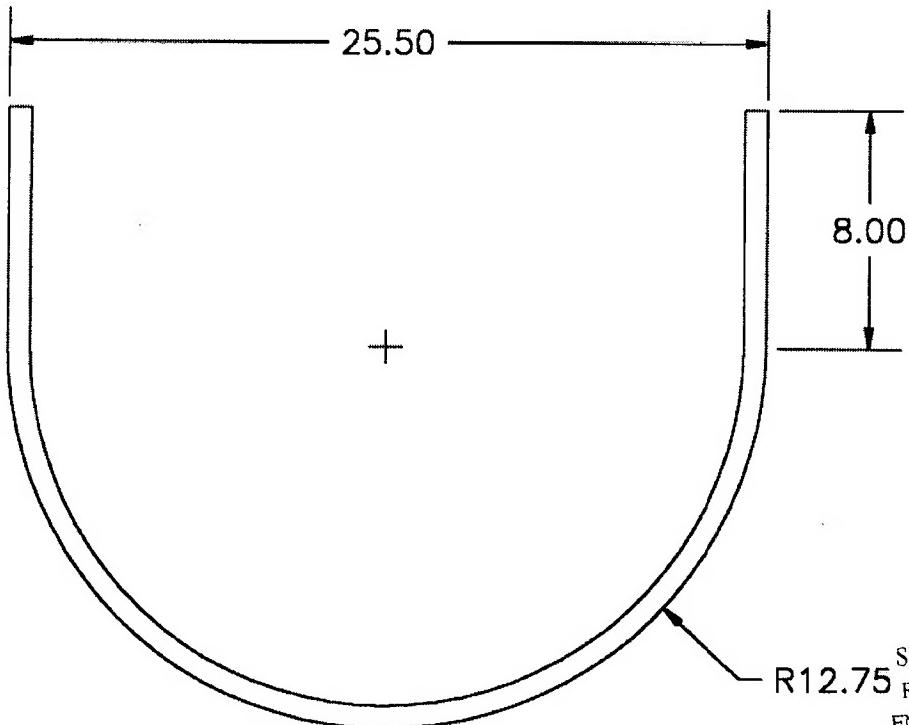
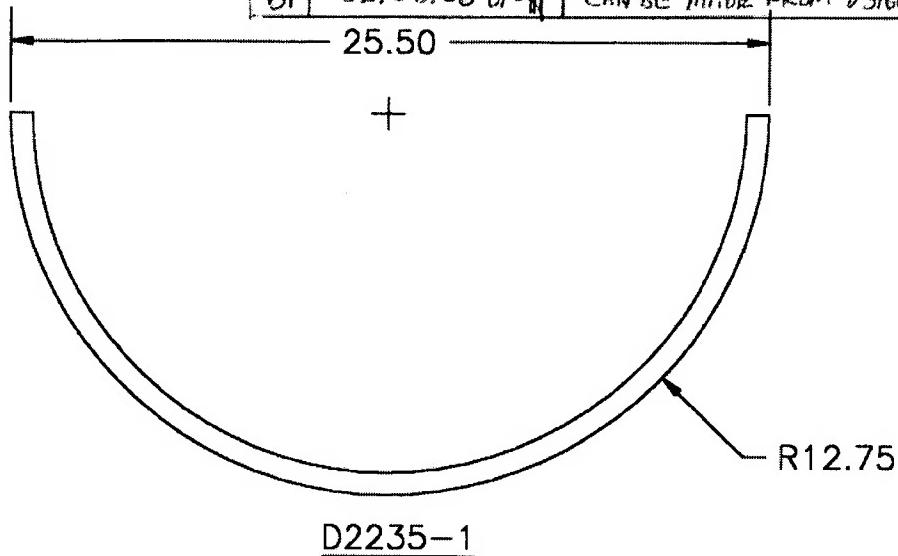
SECTION A-A SAME BOTH END RIBSSECTION B-B SAME BOTH CENTER RIBS

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DART

DESIGN B WILLIAMS	DRAWN BY B WILLIAMS	DART AEROSPACE LTD VICTORIA INTERNATIONAL AIRPORT, CANADA
CHECKED <i>BW</i>	APPROVED <i>BW</i>	DRAWING NO. D2235
DATE 94:12:16	TITLE BASKET RIBS	SCALE REV. B SHEET 1 OF 1

B1 02.08.06 ~~A/P~~ CAN BE MADE FROM D3166-1**RELEASED**
R 960507

CAN BE MADE FROM D3166-1 B1
MATERIAL: 304/316 SS, 3/4 X 3/4 X 0.063 WALL SQR. WORK ORDER
NO. 28038A

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